

Commonwealth of Massachusetts

1980

ASSESSMENTS

FOR

INTEREST, SERIAL BONDS

AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS



350-2-81-160483

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Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1980

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computation for annual assessments for interest, serial bonds, and maintenance for 1980 to be paid by the cities and towns, comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

From September 1979, bonds have been issued as follows:

Charles River Flood Control, Act of 1961	\$ 470,000.00
Metropolitan Parks District Loan, Act of 1976	2,500,000.00
Metropolitan Parks District Loan, Act of 1978	3,000,000.00
Metropolitan Sewer Loan, Act of 1972	3,000,000.00
Metropolitan Water District Additional Loan, Act of 1967	3,000,000.00
Metropolitan Water District Additional Loan, Act of 1970	3,300,000.00
Metropolitan Water District Additional Loan, Act of 1976	1,000,000.00
Boston Harbor Islands Acquisition Loan, Act of 1970	375,000.00



MAGNITUDE OF MDC DEER ISLAND SEWAGE TREATMENT PLANT is graphically shown in this aerial photo. The complex facilities, credited with alleviating pollution in Boston Harbor and other waterways, consist of (1) administration building and laboratory, (2) pumping station, (3) power plant, (4) storage sphere for sewage gas used to operate the plant, (5) sludge digestion tanks, (6) sludge and scum thickening tanks, (7) sedimentation and settling tanks, each 255 feet long and 103 feet wide, (8) chlorine building and (9) Winthrop Terminal headworks. Not shown are a water storage reservoir to supply cooling water for equipment, reservoir pumping station and an equipment garage.

Metropolitan Sewer

Chapter 92 of the General Laws, as amended by Chapter 814, Acts of 1975.

SECTION 5. The proportions in which each of the cities and towns included in the metropolitan sewerage district shall annually pay to meet the total interest and principal requirements for each fiscal year on debt incurred for the metropolitan sewerage district system, shall be based on the respective populations of said cities and towns as ascertained by the last preceding state census, and on the population equivalents of the industrial wastes, as defined in Section five A, contributed to that system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the population and population equivalents only of that part of the city or town so included, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section.

SECTION 5A. As used in section five and in this section, "industrial wastes" shall mean wastes discharged to the metropolitan sewerage district system by users who would be subject to the cost-recovery provisions of federal law with respect to any federal grant that might be made for construction of works that will treat such wastes. "Non-industrial wastes" include all other wastes.

The commission shall annually calculate the portions of all federal construction grants awarded after March first, nineteen hundred and seventy-three, that are attributable to treatment of industrial wastes received into the metropolitan sewerage district system from cities and towns served by that system. The commission shall further allocate such portions among the cities and towns so served, in accordance with the population equivalents of their industrial waste flows to the treatment works for which the

federal construction grants were awarded. If federal law permits, the commission may aggregate the industrial waste portions of such grants and allocate such aggregated sum among the cities and towns in proportion to the population equivalents of their industrial waste flows to the metropolitan sewerage district system. The commission shall inform each city and town of its allocated share as determined under this section.

Each member city and town to which a share of cost is thus allocated shall assess its industrial users to recover from them the portions of that share which are attributable to treatment of their wastes. Every municipal program of industrial cost recovery and any amendments thereto shall be subject to the approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate methods of assessment. Such methods may include division of industrial users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of industrial cost recovery in accordance with this section, the commission shall establish, and may from time to time alter and amend, an industrial cost recovery program which such city or town shall promptly adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

The proceeds of industrial cost recoveries under this section shall be remitted not less than annually, in the form of checks made payable to the commonwealth, to the state treasurer, who shall deposit them in a special fund to be known as the Metropolitan District Commission Wastewater Management Fund. Such fund shall be invested and payments shall be made from it from time to time as may be required by state or federal law, provided that not less than ten per cent of all cost recoveries deposited in the fund, together with interest earned thereon, shall, subject to appropriation, be used to defray administrative expenses of the commission.

SECTION 5B. The cost of construction of extensions of the metropolitan sewerage district system to provide service for additional cities and towns, shall be paid by the cities and towns so benefited to the extent that such cost is not met by federal or state construction grants. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction, as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the respective additional capacities thereby made available to them by such construction. The proportion to be paid by each city and town benefited may be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission.

SECTION 6. The proportions in which the cities and towns included in the metropolitan sewerage district system shall annually pay to meet the total cost of operation and maintenance, including replacement, of the system shall be based on their respective populations contributing to the system, and on the population equivalents of other wastes contributed to the system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the contributing population and population equivalents only of that part of the city or town served in the district, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section. The commission shall annually allocate the cost shares for operation and maintenance, including replacement, among the cities and towns so served. For purposes of this section, "replacement" shall mean such expenditures for obtaining and installing equipment, accessories, or appurtenances during the useful life of treatment works as are necessary to maintain the capacity and performance for which the works are designed and constructed.

Each city and town to which a portion of cost is thus allocated shall adopt and administer a program of user charges requiring all users within its jurisdiction to pay their proportionate shares of such allocation. Every such program and any amendments thereto shall be subject to approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate



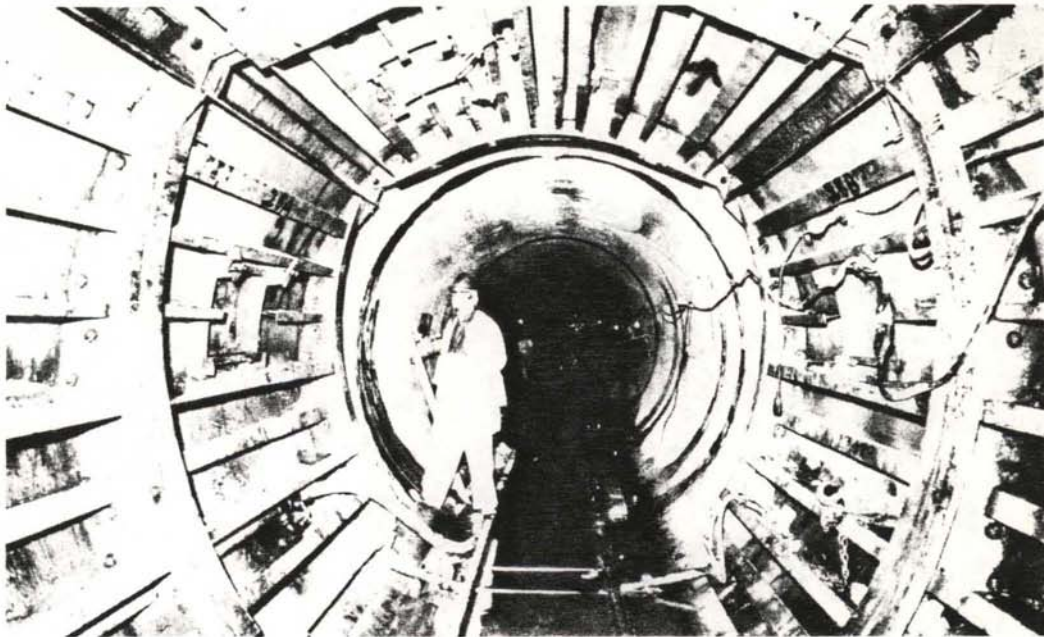
Over 1,750,000 Greater Bostonians availed themselves last year of inexpensive recreation at the 25 MDC skating rinks. The facilities were used for general skating, hockey and special programs, such as figure skating, school physical education classes and groups of retarded children.

methods of assessment. Such methods may include division of users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of user charges in accordance with this section, the commission shall establish, and may from time to time alter and amend, a user charge program which such city or town shall adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

SECTION 7. On or before September first of each year, the commission, in accordance with sections five, five A, five B, and six, and after consultation with the cities and towns served by the metropolitan sewerage district, shall establish the proportions in which the respective cities and towns shall annually pay money to the Commonwealth to meet interest and principal costs, industrial cost-recovery requirements, and costs of maintenance and operation of the metropolitan system. For these purposes, calculations of industrial waste contributions from each city and town shall be based on current and annually updated industrial waste surveys. Not later than September first of each year the commission shall submit to the officials of such cities and towns the ratios of apportionment so established. Not later than October first of each year the commission shall certify and transmit its determinations to the state treasurer.

SECTION 8. The amount of money required each year from every such city and town to meet the interest and principal requirements and costs aforesaid and the deficiency, if any, shall be estimated by the state treasurer in accordance with the proportions as determined aforesaid by the commission, and shall be included and made a part of the sum charged to such city or town, and shall be paid by the city or town to the commonwealth as provided by section twenty of chapter fifty-nine.



TYPICAL WATER SUPPLY TUNNEL serving the Metropolitan Water District is the newly-completed deep-rock Dorchester Tunnel, designed to enlarge the distribution system. Big enough to accommodate an automobile, it is 10 feet in diameter, 6.6 miles long and 300 feet below ground level.

Metropolitan Water

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be

received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26, (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) in the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of two hundred forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year.

SECTION 26. "The Commission shall adjust the rate per million gallons each year by increasing or decreasing it to the next higher or lower multiple, as the case may be, of five dollars per million gallons so that the projected receipts from the water district equal, as nearly as practical, the total cost of interest, principal, sinking fund, maintenance and operation of the water system. The commission shall give due notice to the designated official of each member city and town of any proposed rate change and shall thereafter, in due course, hold a public hearing thereon. Subsequent thereto, the commission shall notify said official of the rate change, as determined by the commission, in January of the year it is to be assessed. The commission shall then, forthwith, certify to the state treasurer such action as has been taken by the commission."

Metropolitan Parks

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from

general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE
Treasurer and Receiver-General

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 416,875.92	\$ 564,710.98	\$ 478,939.43	\$ 1,460,526.33
Ashland			65,057.99	65,057.99
Bedford			113,479.14	113,479.14
Belmont	260,159.52	412,151.53	278,323.71	950,634.76
Boston	11,993,466.00	4,118,151.92	6,775,787.84	22,887,405.76
Braintree		514,033.19	370,072.67	884,105.86
Brookline	660,221.28	665,233.13	515,746.53	1,841,200.94
Burlington			249,206.38	249,206.38
Cambridge		894,909.67	1,254,020.35	2,148,930.02
Canton	106,293.12	247,618.79	158,292.77	512,204.68
Chelsea	276,822.00	150,867.86	253,506.69	681,196.55
Cohasset		5,262.06		5,262.06
Dedham		356,608.15	245,836.45	602,444.60
Dover		128,336.81		128,336.81
Everett	742,561.68	622,017.72	515,846.24	1,880,425.64
Framingham			606,858.08	606,858.08
Hingham		305,136.63	51,307.49	356,444.12
Holbrook			39,813.98	39,813.98
Hull		105,965.93		105,965.93
Lexington	463,337.28		337,248.49	800,585.77
Lynn		577,809.16		577,809.16
Lynnfield Water District	36,917.28			36,917.28
Malden	536,283.12	445,420.21	539,373.12	1,521,076.45
Marblehead	197,867.52			197,867.52
Medford	764,844.72	563,582.13	586,268.21	1,914,695.06
Melrose	270,425.76	320,851.06	311,635.03	902,911.85
Milton	272,916.96	343,678.18	250,880.21	867,475.35
Nahant	37,900.32	56,056.15		93,956.47
Natick			268,920.42	268,920.42
Needham	95,747.28	503,297.93	293,371.33	892,416.54
Newton	914,531.52	1,203,627.85	908,138.25	3,026,297.62
Norwood	359,556.00		331,502.90	691,058.90
Peabody	43,300.80			43,300.80
Quincy	1,027,895.76	921,121.94	938,270.91	2,887,288.61
Randolph			214,634.13	214,634.13
Reading			197,639.16	197,639.16
Revere	445,945.92	345,163.34	381,748.40	1,172,857.66
Saugus	352,282.56	328,413.30		680,695.86
Somerville	828,801.84	546,649.31	790,763.44	2,166,214.59
Stoneham	340,806.48	272,870.53	203,131.34	816,808.35
Stoughton			150,549.33	150,549.33
Swampscott	182,548.80	103,122.96		285,671.76
Wakefield	140,863.20	303,326.71	249,056.43	693,246.34
Walpole			258,997.12	258,997.12
Waltham	1,004,292.72	730,345.18	804,697.35	2,539,335.25
Watertown	397,387.44	388,298.65	370,368.24	1,156,054.33
Wellesley		520,139.05	231,989.65	752,128.70
Weston	91,258.80	266,059.75		357,318.55
Westwood		255,344.46	82,439.10	337,783.56
Weymouth		587,924.34	438,304.13	1,026,228.47
Wilmington			95,153.09	95,153.09
Winchester	78,482.64	326,524.37	227,026.46	632,033.47
Winthrop	183,065.04	177,602.84	194,199.57	554,867.45
Woburn	46,022.40		392,637.47	438,659.87
	\$23,569,681.68	\$19,178,233.77	\$22,021,039.02	\$64,768,954.47

METROPOLITAN WATER DISTRICT

Metropolitan Water Debt

Gross (and net) debt June 30, 1980

Bonds Outstanding (serial)

Additional Water, Acts of 1926	\$ 370,000.00
Water Use Development Loan (Chapt. 587-1945) (Chapt. 549-1946)	42,349,000.00
Water Main Loan, Act of 1949 (Chapt. 575)	110,000.00
Water Main Loan, Act of 1954 (Chapt. 278)	262,000.00
Water Main Loan, Act of 1957 (Chapt. 711)	592,000.00
Water Main Loan, Act of 1959 (Chapt. 590)	564,000.00
Water Loan, Act of 1950 (Chapt. 660)	4,728,000.00
Water Loan, Act of 1952 (Chapt. 619)	3,210,000.00
Clinton Sewage Loan, Act of 1954 (Chapt. 462)	105,000.00
Met. Water District Additional Loan, Act of 1956 (Chapt. 685)	12,336,000.00
Met. Water District Additional Loan, Act of 1961 (Chapt. 522)	6,980,000.00
Met. Water District Additional Loan, Act of 1962 (Chapt. 654)	7,305,000.00
Met. Water District Additional Loan, Act of 1964 (Chapt. 403)	800,000.00
Met. Water District Additional Loan, Act of 1966 (Chapt. 564)	9,455,000.00
Met. Water District Additional Loan, Act of 1967 (Chapt. 669)	17,035,000.00
Met. Water District Additional Loan, Act of 1971 (Chapt. 982)	1,940,000.00
Met. Water District Additional Loan, Act of 1968 (Chapt. 521)	1,340,000.00
Met. Water District Act of 1974	3,650,000.00
Met. Water District Loan, Act of 1972 (Chapt. 803)	940,000.00
Met. Water District Additional Loan, Act of 1970	3,300,000.00
Met. Water District Act of 1976	1,000,000.00
	<hr/>
	\$118,371,000.00

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund as of June 30, 1980:

Fund Balance July 1, 1979 \$ 7,573,776.56

Fiscal Year Charges

Appropriations	\$24,289,772.50
Appropriations of Restricted Revenue	1,303,679.65
Expenditures Authorized - Not Appropriated	-0-
Authorized Transfers	3,292,644.32
Split Appropriations - Other Credits	(130,000.00)
	<hr/>
	\$28,756,096.47

Deduct Reversions

Appropriations	\$811,364.82		
Accounts Payable	292,462.22	1,103,827.04	27,652,269.43
	<hr/>		
Total Charges			20,078,492.87

Operating Revenues

Departmental Revenue	\$ 3,163,305.43	
District and Special Assessment	24,408,022.04	
Transfer Receipts	1,249,158.93	
	<hr/>	
Total Revenues		28,820,486.40

Fund Surplus June 30, 1980

\$ 8,741,993.53

Very truly yours,

Deputy Comptroller

METROPOLITAN WATER ASSESSMENTS FOR 1980

Cities and Towns	Calendar Year 1979 Consumption Mil. Gals.	1979 Charge at \$240 per mil. gals. (Chapt. 1039, Acts of 1973)	Proportion for Computing Share
Arlington	1,736.983	\$ 416,875.92	.017689
Belmont	1,083.998	260,159.52	.011038
Boston	49,972.775	11,993,466.00	.508851
Brookline	2,750.922	660,221.28	.028011
Cambridge 1			
Canton 1, 2	442.888	106,293.12	.004510
Chelsea	1,153.425	276,822.00	.011745
Everett	3,094.007	742,561.68	.031505
Lexington	1,930.572	463,337.28	.019658
Lynnfield Water District	153.822	36,917.28	.001566
Malden	2,234.513	536,283.12	.022753
Marblehead	824.448	197,867.52	.008395
Medford	3,186.853	764,844.72	.032450
Melrose	1,126.774	270,425.76	.011473
Milton	1,137.154	272,916.96	.011579
Nahant	157.918	37,900.32	.001608
Needham 1	398.947	95,747.28	.004062
Newton	3,810.548	914,531.52	.038801
Norwood	1,498.150	359,556.00	.015255
Peabody 1	180.420	43,300.80	.001837
Quincy	4,282.899	1,027,895.76	.043611
Revere	1,858.108	445,945.92	.018920
Saugus	1,467.844	352,282.56	.014946
Somerville	3,453.341	828,801.84	.035164
Stoneham	1,420.027	340,806.48	.014460
Swampscott	760.620	182,548.80	.007745
Wakefield 1	586.930	140,863.20	.005976
Waltham	4,184.553	1,004,292.72	.042610
Watertown	1,655.781	397,387.44	.016860
Weston 1	380.245	91,258.80	.003872
Winchester 1	327.011	78,482.64	.003330
Winthrop	762.771	183,065.04	.007767
Woburn 1	191.760	46,022.40	.001953
	<hr/> 98,207.007	<hr/> \$23,569,681.68	<hr/> 1.000000

1. Partial Supply Only.

2. Assessment for Entrance Fee:

Canton: Ninth of Ten Payments

\$11,975.90

Assessment for Water Connection:

Canton: Ninth of Ten Payments

\$55,594.82

No water was discharged into Charles River during the year 1979 under the provisions of Chap. 603 of the Acts of 1950.

No water was discharged into Bannister Brook during the year 1979 under the provisions of Chap. 557 of the Acts of 1947.

**COMPARISON OF ASSESSMENTS 1979 and 1980
WITH REVENUE FROM WATER RATES 1979**

Cities and Towns			Water Revenue
	1979	1980	Received by Cities and Towns 1979
Arlington	\$ 430,806.24	\$ 416,875.92	\$ 1,070,658.82
Belmont	256,213.68	260,159.52	677,571.25
Boston	12,531,251.52	11,993,466.00	31,990,534.00
Brookline	663,988.80	660,221.28	1,803,495.40
Cambridge			2,954,637.80
Canton	85,356.96	106,293.12	451,959.75
Chelsea	283,616.88	276,822.00	608,745.86
Everett	710,105.04	742,561.68	1,155,785.08
Lexington	480,035.28	463,337.28	947,346.33
Lynnfield Water District	35,439.84	36,917.28	118,713.01
Malden	568,528.56	536,283.12	1,060,626.46
Marblehead	218,378.16	197,867.52	550,736.66
Medford	803,539.20	764,844.72	995,879.68
Melrose	268,843.92	270,425.76	423,524.39
Milton	295,249.92	272,916.96	747,837.80
Nahant	35,772.24	37,900.32	73,772.23
Needham	87,448.80	95,747.28	922,424.28
Newton	998,792.88	914,531.52	2,299,465.00
Norwood	359,679.60	359,556.00	672,397.27
Peabody	67,464.00	43,300.80	936,410.77
Quincy	1,010,037.36	1,027,895.76	2,326,788.15
Revere	414,728.64	445,945.92	873,848.03
Saugus	331,998.72	352,282.56	517,505.61
Somerville	827,669.28	828,801.84	1,439,372.93
Stoneham	318,019.68	340,806.48	439,192.23
Swampscott	180,835.20	182,548.80	391,636.16
Wakefield	170,640.00	140,863.20	570,701.50
Waltham	1,013,214.24	1,004,292.72	2,959,059.90
Watertown	429,718.08	397,387.44	943,639.50
Weston	97,771.68	91,258.80	365,907.94
Winchester	98,985.36	78,482.64	416,024.89
Winthrop	198,182.40	183,065.04	479,122.03
Woburn		46,022.40	544,063.29
	<u>\$24,272,312.16</u>	<u>\$23,569,681.68</u>	<u>\$62,729,384.00</u>

METROPOLITAN PARKS DISTRICT

Metropolitan Parks Debt

Gross (and net) debt June 30, 1980

Bonds Outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	\$ 550,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	618,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	1,720,000.00
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	4,305,000.00
Charles River Flood Control Act of 1961 (Ch. 520)	840,000.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	785,000.00
Mystic River Dam Loan, Act of 1957 (Ch. 647)	2,290,000.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	6,050,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	495,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	1,700,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	1,020,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	775,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	5,610,000.00
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	1,080,000.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	15,465,000.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	2,540,000.00
Lynn-Nahant Beach Erosion Loan, Act of 1966 (Ch. 576)	220,000.00
Revere Beach Reservation and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	350,000.00
Wollaston Beach, Quincy Shore Res. Loan, Act of 1967	720,000.00
Metropolitan Parks District Loan, Act of 1974	6,400,000.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	1,650,000.00
Metropolitan Parks District Loan, Act of 1976 (Ch. 481)	4,400,000.00
Revere Beach Improvement Loan, Act of 1975 (Ch. 841)	4,750,000.00
Metropolitan Parks District Loan, Act of 1978	3,000,000.00
Met. Dist. Commission Somerville Marginal Conduit Loan, Act of 1966	120,000.00
	<hr/>
	\$67,453,000.00

METROPOLITAN PARKS EXPENSES

Debt Service	Serial Bonds	Interest
Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 20,000.00	\$ 404.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	100,000.00	17,950.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	67,000.00	21,431.25
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	290,000.00	226,538.75
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	48,392.64	72,733.75
Charles River Flood Control, Act of 1961 (Ch. 520)	67,042.98	19,464.70
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	270,000.00	27,867.50
Mystic River Dam Loan, Act of 1957 (Ch. 647)	229,000.00	72,771.25
Mystic River Dam Loan, Act of 1963 (Ch. 547)	420,000.00	265,760.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	106,000.00	3,296.50
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	149,000.00	3,712.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	165,000.00	20,427.50
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	250,000.00	66,275.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	170,000.00	48,620.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	-3,812.65	
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	325,000.00	40,625.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	405,000.00	328,122.50
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	135,000.00	52,180.00
Lynn-Nahant Beach Erosion Control Project Loan, Act of 1966 (Ch. 576)	15,000.00	12,650.00
Revere and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	30,000.00	19,250.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	160,000.00	165,217.50
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	965,000.00	916,347.50
Wollaston Beach, Quincy Shore Reservation Loan, Act of 1967 (Ch. 786)	-284,079.94	46,080.00
Metropolitan Parks District Loan 1974	350,000.00	415,025.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	75,000.00	81,600.00
Metropolitan Parks District Loan 1976	84,271.15	125,112.75
Revere Beach Improvement Loan 1975	250,000.00	316,875.00
Metropolitan Parks District Loan 1978	-18,874.62	-1,964.70
Interest on Average Monthly Deficit		388,530.00
	<hr/> \$4,838,939.56	<hr/> \$3,772,902.75 \$ 8,611,842.31
Maintenance as appropriated by the Legislature		10,566,391.46
Total Metropolitan Parks Expenses to be assessed		<hr/> \$19,178,233.77

METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

Proportion of Interest, Serial Bonds and Maintenance Requirements
as Determined by the Metropolitan District Commission

Cities and Towns	1978 Eq. Valuation	Valuation Per Cent Note 1.	Population 1975 Census	Population Per Cent	Chapt. 92 Section 55 Note 2.
Arlington	\$ 611,500	.030185	50,223	.025402	.028857
Belmont	467,100	.023057	27,660	.013990	.020224
Boston	3,831,000	.189109	637,986	.322679	.235730
Braintree	577,200	.028492	36,822	.018624	.025439
Brookline	734,300	.036247	53,150	.026882	.033432
Cambridge	917,000	.045266	102,095	.051637	.047825
Canton	277,100	.013679	18,114	.009162	.012292
Chelsea	136,300	.006728	25,066	.012678	.008799
Dedham	397,200	.019607	26,924	.013617	.017778
Dover	153,900	.007597	4,923	.002490	.005957
Everett	709,700	.035033	39,713	.020086	.030330
Hingham	348,000	.017178	19,544	.009885	.014885
Hull	112,100	.005534	10,572	.005347	.005521
Lynn	559,000	.027594	80,240	.040584	.032210
Malden	444,900	.021962	55,814	.028229	.024267
Medford	585,900	.028922	60,702	.030702	.029780
Melrose	339,000	.016734	32,213	.016293	.016735
Milton	380,000	.018758	27,214	.013764	.017246
Nahant	62,480	.003084	4,229	.002139	.002793
Needham	579,446	.028603	29,936	.015141	.024332
Newton	1,345,000	.066393	89,183	.045107	.059829
Quincy	975,500	.048154	91,487	.046272	.047952
Revere	349,300	.017243	41,292	.020884	.018622
Saugus	366,100	.018072	24,716	.012501	.016360
Somerville	518,000	.025570	80,596	.040764	.030910
Stoneham	301,800	.014898	21,564	.010907	.013689
Swampscott ⁴	223,200	.011018	14,329	.007247	.000780
Wakefield	330,700	.016324	26,041	.013171	.015410
Waltham	810,000	.039984	56,757	.028706	.036550
Watertown	417,000	.020584	36,075	.018246	.019982
Wellesley	608,900	.030057	26,593	.013450	.024741
Weston	316,400	.015618	11,478	.005805	.012457
Westwood	296,700	.014646	14,019	.007090	.012235
Weymouth	626,200	.030911	56,854	.028755	.030463
Winchester	368,400	.018185	22,672	.011467	.016089
Winthrop	181,800	.008974	20,359	.010297	.009499
	\$20,258,126	1.000000	1,977,155	1.000000	1.000000
Cohasset (note 3) ^m	149,600	.007385		.003922	.000498
	\$20,407,726				

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8% of its proportion)

Note 4. Swampscott Maintenance - Ch. 405 of 1968

METROPOLITAN PARKS DISTRICT RESERVATIONS & BOULEVARDS

Cities & Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 146,063.39	\$ 113,885.07	\$ 304,762.52	\$ 564,710.98
Belmont	111,571.43	86,991.82	213,588.28	412,151.53
Boston	915,087.02	713,489.87	2,489,575.03	4,118,151.92
Braintree	137,871.07	107,497.55	268,664.57	514,033.19
Brookline	175,397.04	136,756.41	353,079.68	665,233.13
Cambridge	219,039.44	170,784.22	505,086.01	894,909.67
Canton	66,191.85	51,609.54	129,817.40	247,618.79
Chelsea	32,556.39	25,384.09	92,927.38	150,867.86
Cohasset			5,262.06	5,262.06
Dedham	94,877.09	73,975.30	187,755.76	356,608.15
Dover	36,761.42	28,662.74	62,912.65	128,336.81
Everett	169,522.57	132,176.10	320,319.05	622,017.72
Hingham	83,123.30	64,810.92	157,202.41	305,136.63
Hull	26,778.69	20,879.24	58,308.00	105,965.93
Lynn	133,525.70	104,109.48	340,173.98	577,809.16
Malden	106,272.79	82,860.49	256,286.93	445,420.21
Medford	139,951.81	109,119.89	314,510.43	563,582.13
Melrose	80,974.81	63,135.75	176,740.50	320,851.06
Milton	90,768.83	70,772.11	182,137.24	343,678.18
Nahant	14,923.29	11,635.63	29,497.23	56,056.15
Needham	138,408.19	107,916.34	256,973.40	503,297.93
Newton	321,271.71	250,494.33	631,861.81	1,203,627.85
Quincy	233,014.30	181,680.36	506,427.28	921,121.94
Revere	83,437.83	65,056.16	196,669.35	345,163.34
Saugus	87,449.32	68,183.90	172,780.08	328,413.30
Somerville	123,731.68	96,473.12	326,444.51	546,649.31
Stoneham	72,090.52	56,208.71	144,571.30	272,870.53
Swampscott	53,315.44	41,569.84	8,237.68	103,122.96
Wakefield	78,990.85	61,588.86	162,747.00	303,326.71
Waltham	193,480.16	150,855.74	386,009.28	730,345.18
Watertown	99,604.73	77,661.43	211,032.49	388,298.65
Wellesley	145,444.01	113,402.14	261,292.90	520,139.05
Weston	75,574.56	58,925.20	131,559.99	266,059.75
Westwood	70,871.11	55,257.93	129,215.42	255,344.46
Weymouth	149,576.46	116,624.20	321,723.68	587,924.34
Winchester	87,996.12	68,610.24	169,918.01	326,524.37
Winthrop	43,424.64	33,858.03	100,320.17	177,602.84
	<u>\$4,838,939.56</u>	<u>\$3,772,902.75</u>	<u>\$10,566,391.46</u>	<u>\$19,178,233.77</u>

METROPOLITAN PARKS AND SEWERAGE DISTRICTS COMPARISON OF ASSESSMENTS 1979 and 1980

	Parks 1979	Parks 1980	Sewerage 1979	Sewerage 1980
Arlington	\$ 602,368.85	\$ 564,710.98	\$ 516,126.03	\$ 478,939.43
Ashland			62,284.75	65,057.99
Bedford			113,912.13	113,479.14
Belmont	440,034.40	412,151.53	301,295.49	278,323.71
Boston	4,380,734.45	4,118,151.92	7,057,413.78	6,775,787.84
Braintree	548,705.74	514,033.19	392,104.80	370,072.67
Brookline	709,861.58	665,233.13	546,400.35	515,746.53
Burlington			261,431.15	249,206.38
Cambridge	953,589.82	894,909.67	1,475,641.44	1,254,020.35
Canton	264,303.29	247,618.79	172,805.86	158,292.77
Chelsea	160,409.91	150,867.86	275,616.50	253,506.69
Cohasset	5,503.81	5,262.06		
Dedham	380,600.30	356,608.15	266,229.11	245,836.45
Dover	137,181.03	128,336.81		
Everett	664,189.69	622,017.72	478,116.52	515,846.24
Framingham			668,135.82	606,858.08
Hingham	325,821.48	305,136.63	56,695.78	51,307.49
Holbrook			53,752.36	39,813.98
Hull	112,981.78	105,965.93		
Lexington			324,869.91	337,248.49
Lynn	615,063.12	577,809.16		
Malden	474,406.41	445,420.21	580,655.99	539,373.12
Medford	600,697.89	563,582.13	631,397.01	586,268.21
Melrose	342,085.52	320,851.06	331,051.84	311,635.03
Milton	366,746.83	343,678.18	272,056.99	250,880.21
Nahant	59,828.28	56,056.15		
Natick			281,777.93	268,920.42
Needham	537,520.38	503,297.93	298,274.12	293,371.33
Newton	1,284,689.96	1,203,627.85	913,881.08	908,138.25
Norwood			365,979.26	331,502.90
Quincy	982,127.10	921,121.94	985,747.63	938,270.91
Randolph			220,288.77	214,634.13
Reading			212,443.56	197,639.16
Revere	367,712.27	345,163.34	413,257.02	381,748.40
Saugus	350,514.42	328,413.30		
Somerville	581,686.28	546,649.31	833,804.16	790,763.44
Stoneham	291,188.18	272,870.53	219,339.02	203,131.34
Stoughton			173,536.84	150,549.33
Swampscott	112,136.49	103,122.96		
Wakefield	323,596.97	303,326.71	264,723.69	249,056.43
Walpole			279,696.96	258,997.12
Waltham	779,415.23	730,345.18	787,673.69	804,697.35
Watertown	414,125.85	388,298.65	401,296.29	370,368.24
Wellesley	555,699.48	520,139.05	247,915.31	231,989.65
Weston	284,343.93	266,059.75		
Westwood	272,759.16	255,344.46	96,648.74	82,439.10
Weymouth	626,930.32	587,924.34	474,400.69	438,304.13
Wilmington			102,977.47	95,153.09
Winchester	348,582.58	326,524.37	232,759.99	227,026.46
Winthrop	189,244.77	177,602.84	214,071.76	194,199.57
Woburn			409,024.72	392,637.47
	<u>\$20,447,387.55</u>	<u>\$19,178,233.77</u>	<u>\$23,267,512.31</u>	<u>\$22,021,039.02</u>

METROPOLITAN SEWERAGE DISTRICT

Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1980

Bonds Outstanding (serial):

District Sewerage Loan, Act of 1949 (Ch. 606)	\$ 6,865,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	8,371,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	180,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	197,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	306,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	45,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	14,168,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	2,860,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	980,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	1,765,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	2,880,000.00
Second Metropolitan Sewerage Loan, Act of 1962	6,210,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	330,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	395,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	165,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	133,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	319,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	238,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	306,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	144,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	4,825,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	465,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	6,200,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	5,450,000.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	5,125,000.00
Metropolitan Sewerage Loan, Act of 1972 (Ch. 803)	13,875,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1966 (Ch. 478)	780,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1969 (Ch. 526)	400,000.00
Metropolitan Sewerage Loan, Act of 1973 (Ch. 1036)	4,750,000.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1975 (Ch. 780)	9,500,000.00
	<hr/> \$98,227,000.00

METROPOLITAN SEWERAGE DISTRICT

METROPOLITAN SEWERAGE EXPENSES

Debt Service	Serial Bonds	Interest
District Sewerage Loan, Act of 1949 (Ch. 606)	\$ 698,700.00	\$ 218,206.25
Sewerage Loan, Act of 1951 (Ch. 645)	674,456.90	213,707.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	36,000.00	3,960.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	21,400.00	5,967.50
District Sewerage Loan, North System, Act of 1954 (Ch. 399)	24,100.00	10,710.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	3,500.00	1,575.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	416,663.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	86,545.00
Metropolitan District Sewerage Loan, Act of 1962 (Ch. 593)	56,000.00	36,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	41,135.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	130,000.00	104,203.75
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	216,000.00	230,481.25
District Sewerage Loan, Act of 1951 (Ch. 527)	66,000.00	7,260.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	9,061.25
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	3,630.00
District Sewerage Loan, Act of 1954 (Ch. 580)	19,000.00	3,396.25
District Sewerage Loan, Act of 1955 (Ch. 410)	35,900.00	9,508.75
District Sewerage Loan, Act of 1955 (Ch. 551)	34,000.00	6,077.50
District Sewerage Loan, Act of 1957 (Ch. 710)	15,766.67	10,710.00
District Sewerage Loan, Act of 1957 (Ch. 764)	10,900.00	5,040.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	287,250.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	-96,785.13	23,075.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	254,200.00
Metropolitan District Commission Malden Relief Sewer Loan 1969 (Ch. 526)	20,000.00	22,425.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	170,000.00	296,675.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	-1,367,279.50	313,875.00
Metropolitan Sewerage Loan 1972 (Ch. 803)	806,125.38	652,535.30
Metropolitan Sewerage Loan, Act of 1973	250,000.00	308,875.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1975	241,950.00	617,750.00
Metropolitan District Commission Malden Relief Sewer Loan 1966 (Ch. 478)	45,000.00	43,556.25
Interest on Average Monthly Deficit		-473,880.00
	<hr/> \$3,178,034.32	<hr/> \$3,771,074.55 \$ 6,949,108.87
Maintenance		15,071,930.15
Total Metropolitan Sewerage Expenses		<hr/> \$22,021,039.02

METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION

Ratios of Contribution on the Basis of Chapter 814, Acts of 1975, Section 5 & 5A
and the Census Returns of 1975 as Determined by the
Metropolitan District Commission, Sewerage Division

City or Town	Census 1975	Population Equivalent of Major Industries	Total Census and Population Equivalent	Ratios for Principal and Interest Fiscal Year ending June 30, 1980
Arlington	50,223	0	50,223	0.020728
Ashland	8,906	2,264	11,170	0.004610
Bedford	12,314	3,667	15,981	0.006596
Belmont	28,794	1,115	29,909	0.012344
Boston	638,959	70,951	709,910	0.292989
Braintree	36,822	1,992	38,814	0.016019
Brookline	53,150	894	54,044	0.022305
Burlington	24,306	3,481	27,787	0.011468
Cambridge	102,095	29,278	131,373	0.054219
Canton	18,114	2,920	21,034	0.008681
Chelsea	25,066	1,488	26,554	0.010959
Dedham	26,924	339	27,263	0.011252
Everett	39,713	14,325	54,038	0.022302
Framingham	65,564	6,707	72,271	0.029827
Hingham	6,555	0	6,555	0.002705
Holbrook	11,849	0	11,849	0.004890
Lexington	32,477	5,892	38,369	0.015835
Malden	55,814	713	56,527	0.023330
Medford	60,702	747	61,449	0.025361
Melrose	32,213	424	32,637	0.013470
Milton	27,214	289	27,503	0.011351
Natick	31,102	2,971	34,073	0.014062
Needham	29,936	2,315	32,251	0.013310
Newton	89,183	6,860	96,043	0.039638
Norwood	31,316	3,424	34,740	0.014338
Quincy	91,487	6,780	98,267	0.040556
Randolph	29,206	0	29,206	0.012054
Reading	23,696	289	23,985	0.009899
Revere	41,292	0	41,292	0.017042
Somerville	80,596	2,264	82,860	0.034197
Stoneham	21,564	0	21,564	0.008900
Stoughton	25,717	0	25,717	0.010614
Wakefield	26,041	311	26,352	0.010876
Walpole	18,504	17,585	36,089	0.014894
Waltham	58,603	25,656	84,259	0.034775
Watertown	36,075	2,762	38,837	0.016029
Wellesley	26,593	0	26,593	0.010975
Westwood	14,019	0	14,019	0.005786
Weymouth	56,854	1,279	58,133	0.023992
Wilmington	17,656	4,511	22,167	0.009149
Winchester	22,672	1,138	23,810	0.009827
Winthrop	20,359	0	20,359	0.008402
Woburn	35,329	11,784	47,113	0.019444
	2,185,574	237,415	2,422,989	1.000000

(1) Belmont: Population included 1,194 at the McLean Hospital.

(2) Boston: Population included 625 at Boston State Hospital & 348 persons at Deer Island.

(3) Hingham: Part of Town only included in the system.

(4) Waltham: Population included 1,228 persons at the Metropolitan State Hospital and 618 persons at the Middlesex County Hospital.

METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION

Ratios of Contribution on the Basis of Chapter 814, Acts of 1975,
Section 6 and the Contributing Population as Determined by the
Metropolitan District Commission, Sewerage Division

City or Town	Contributing Population	Population Equivalent of Major Industries	Total Contributing Population and Population Equivalent	Ratios for Operation and Maintenance Fiscal Year Ending June 30, 1980
Arlington	50,116	0	50,116	0.022220
Ashland	2,678	2,264	4,942	0.002191
Bedford	6,456	3,667	10,123	0.004488
Belmont	27,697	1,115	28,812	0.012775
Boston	638,324	70,951	709,275	0.314477
Braintree	36,729	1,992	38,721	0.017168
Brookline	53,088	894	53,982	0.023935
Burlington	21,885	3,481	25,366	0.011247
Cambridge	101,997	29,278	131,275	0.058204
Canton	11,740	2,920	14,660	0.006500
Chelsea	25,051	1,488	26,539	0.011767
Dedham	24,747	339	25,086	0.011123
Everett	39,676	14,325	54,001	0.023943
Framingham	53,089	6,707	59,796	0.026512
Hingham	4,865	0	4,865	0.002157
Holbrook	873	0	873	0.000387
Lexington	28,109	5,892	34,001	0.015075
Malden	55,739	713	56,452	0.025030
Medford	60,612	747	61,359	0.027205
Melrose	32,203	424	32,627	0.014466
Milton	25,450	289	25,739	0.011412
Natick	22,648	2,971	25,619	0.011359
Needham	27,746	2,315	30,061	0.013328
Newton	87,818	6,860	94,678	0.041978
Norwood	31,274	3,424	34,698	0.015384
Quincy	91,451	6,780	98,231	0.043554
Randolph	19,583	0	19,583	0.008683
Reading	18,992	289	19,281	0.008549
Revere	39,404	0	39,404	0.017471
Somerville	80,507	2,264	82,771	0.036699
Stoneham	21,143	0	21,143	0.009374
Stoughton	11,492	0	11,492	0.005095
Wakefield	25,648	311	25,959	0.011510
Walpole	5,685	17,585	23,270	0.010317
Waltham	58,600	25,656	84,256	0.037357
Watertown	35,993	2,762	38,755	0.017183
Wellesley	23,302	0	23,302	0.010332
Westwood	6,319	0	6,319	0.002802
Weymouth	39,361	1,279	40,640	0.018019
Wilmington	214	4,511	4,725	0.002095
Winchester	22,615	1,138	23,753	0.010532
Winthrop	20,323	0	20,323	0.009011
Woburn	26,753	11,784	38,537	0.017086
	2,017,995	237,415	2,255,410	1.000000

METROPOLITAN SEWERAGE DISTRICT

Total Assessments

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 65,874.28	\$ 78,166.85	\$ 334,898.30	\$ 478,939.43
Ashland	14,650.74	17,384.65	33,022.60	65,057.99
Bedford	20,962.31	24,874.01	67,642.82	113,479.14
Belmont	39,229.66	46,550.14	192,543.91	278,323.71
Boston	931,129.10	1,104,883.36	4,739,775.38	6,775,787.84
Braintree	50,908.93	60,408.84	258,754.90	370,072.67
Brookline	70,886.06	84,113.82	360,746.65	515,746.53
Burlington	36,445.70	43,246.68	169,514.00	249,206.38
Cambridge	172,309.84	204,463.89	877,246.62	1,254,020.35
Canton	27,588.52	32,736.70	97,967.55	158,292.77
Chelsea	34,828.08	41,327.21	177,351.40	253,506.69
Dedham	35,759.24	42,432.13	167,645.08	245,836.45
Everett	70,876.52	84,102.50	360,867.22	515,846.24
Framingham	94,791.23	112,479.84	399,587.01	606,858.08
Hingham	8,596.58	10,200.76	32,510.15	51,307.49
Holbrook	15,540.59	18,440.55	5,832.84	39,813.98
Lexington	50,324.17	59,714.97	227,209.35	337,248.49
Malden	74,143.54	87,979.17	377,250.41	539,373.12
Medford	80,598.13	95,638.22	410,031.86	586,268.21
Melrose	42,808.12	50,796.37	218,030.54	311,635.03
Milton	36,073.87	42,805.47	172,000.87	250,880.21
Natick	44,689.52	53,028.85	171,202.05	268,920.42
Needham	42,299.64	50,193.00	200,878.69	293,371.33
Newton	125,970.92	149,477.85	632,689.48	908,138.25
Norwood	45,566.66	54,069.67	231,866.57	331,502.90
Quincy	128,888.36	152,939.70	656,442.85	938,270.91
Randolph	38,308.03	45,456.53	130,869.57	214,634.13
Reading	31,459.36	37,329.87	128,849.93	197,639.16
Revere	54,160.06	64,266.65	263,321.69	381,748.40
Somerville	108,679.24	128,959.44	553,124.76	790,763.44
Stoneham	28,284.51	33,562.56	141,284.27	203,131.34
Stoughton	33,731.66	40,026.19	76,791.48	150,549.33
Wakefield	34,564.30	41,014.21	173,477.92	249,056.43
Walpole	47,333.64	56,166.38	155,497.10	258,997.12
Waltham	110,516.14	131,139.12	563,042.09	804,697.35
Watertown	50,940.71	60,446.55	258,980.98	370,368.24
Wellesley	34,878.93	41,387.54	155,723.18	231,989.65
Westwood	18,388.11	21,819.44	42,231.55	82,439.10
Weymouth	76,247.40	90,475.62	271,581.11	438,304.13
Wilmington	29,075.84	34,501.56	31,575.69	95,153.09
Winchester	31,230.54	37,058.35	158,737.57	227,026.46
Winthrop	26,701.84	31,684.57	135,813.16	194,199.57
Woburn	61,793.70	73,324.77	257,519.00	392,637.47
	<u>\$3,178,034.32</u>	<u>\$3,771,074.55</u>	<u>\$15,071,930.15</u>	<u>\$22,021,039.02</u>

STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

Net Debt June 30, 1980	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Arlington	\$ 2,036,049.25	\$ 2,093,864.61	\$ 2,036,068.80	\$ 6,165,982.66
Ashland	452,826.46			452,826.46
Bedford	647,905.29			647,905.29
Belmont	1,212,514.08	1,306,579.09	1,555,263.82	4,074,356.99
Boston	28,779,430.50	60,233,201.72	12,755,969.37	101,768,601.59
Braintree	1,573,498.31		1,921,870.87	3,495,369.18
Brookline	2,190,953.23	3,315,690.08	2,444,968.89	7,951,612.20
Burlington	1,126,467.23			1,126,467.23
Cambridge	5,325,769.71		3,053,327.49	8,379,097.20
Canton	852,708.58	533,853.20	922,689.58	2,309,251.36
Chelsea	1,076,469.69	1,390,267.39	453,823.78	2,920,560.86
Dedham	1,105,250.20		1,322,550.97	2,427,801.17
Dover			512,440.44	512,440.44
Everett	2,190,658.55	3,729,278.35	2,363,080.94	8,283,017.84
Framingham	2,929,816.72			2,929,816.72
Hingham	265,704.03		1,158,707.63	1,424,411.66
Holbrook	480,330.02			480,330.02
Hull			373,284.90	373,284.90
Lexington	1,555,424.54	2,326,937.11		3,882,361.65
Lynn			1,861,298.08	1,861,298.08
Lynnfield Water District		185,368.98		185,368.98
Malden	2,291,635.90	2,693,295.36	1,481,402.78	6,466,334.04
Marblehead		993,724.54		993,724.54
Medford	2,491,134.95	3,841,138.94	1,950,875.66	8,283,149.55
Melrose	1,323,117.69	1,358,070.48	1,128,758.50	3,809,946.67
Milton	1,114,974.68	1,370,617.81	1,265,283.37	3,750,875.86
Nahant		190,340.57	208,025.05	398,365.62
Natick	1,381,268.08			1,381,268.08
Needham	1,307,401.37	480,823.01	1,929,358.15	3,717,582.53
Newton	3,893,521.83	4,592,913.18	4,478,407.03	12,964,842.04
Norwood	1,408,378.73	1,805,749.61		3,214,128.34
Peabody		217,447.53		217,447.53
Quincy	3,983,694.22	5,162,277.69	3,248,131.77	12,394,103.68
Randolph	1,184,028.26			1,184,028.26
Reading	972,349.08			972,349.08
Revere	1,673,984.54	2,239,579.32	1,163,092.08	5,076,655.94
Saugus		1,769,172.97	1,219,010.62	2,988,183.59
Somerville	3,359,068.72	4,162,397.85	1,724,773.21	9,246,239.78
Stoneham	874,220.30	1,711,644.66	1,004,914.80	3,590,779.76
Stoughton	1,042,581.38			1,042,581.38
Swampscott		916,783.40	743,197.16	1,659,980.56
Wakefield	1,068,316.86	707,385.10	1,101,102.78	2,876,804.74
Walpole	1,462,992.94			1,462,992.94
Waltham	3,415,843.93	5,043,788.31	2,697,040.76	11,156,673.00
Watertown	1,574,480.59	1,995,735.06	1,388,452.56	4,958,668.21
Wellesley	1,078,041.33		2,027,434.83	3,105,476.16
Weston		458,332.52	1,053,480.96	1,511,813.48
Westwood	568,341.43		987,916.64	1,556,258.07
Weymouth	2,356,662.19		2,085,039.69	4,441,701.88
Wilmington	898,678.83			898,678.83
Winchester	965,276.73	394,175.43	1,226,632.81	2,586,084.97
Winthrop	825,303.26	919,387.56	605,323.23	2,350,014.05
Woburn	1,909,925.79	231,178.57		2,141,104.36
	\$98,227,000.00	\$118,371,000.00	\$67,453,000.00	\$284,051,000.00